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- **how large were the training and test sets?**

The training and test sets were both of size 1000 (500 positive 500 negative)  
The training set was divided to 80% train 20% validation.

- **did your network succeed in distinguishing the two languages?**

Yes, in 2 epochs.

- **how long did it take (both wall-clock time (i.e., number of seconds), and number of iterations)?**

It runs for 5 epoch, 16 seconds.

Validation was 100% from epoch 2.

Each epoch runs over the 800 training samples and 200 validation samples.

- **did it succeed only on the train and not on the test?**

Succeeds on both.

- **what you did in order to make it work?**

These are the parameters we used:

LAYERS = 1 # layers of the lstm

INPUT\_DIM = 16 # size of the embedding vector

HIDDEN\_DIM = 20 # size of the state vector

LSTM\_OUTPUT\_SIZE = 10 # size of y, the input to the MLP

N1 = 8 # size of hidden layer inside the MLP

We used RMSPropTrainer as the optimizer, which converged the fastest.

